

Author Index

- Assink, R.A. 1
Behl, S. 311
Benziger, J.B. 23
Biais, J. 303
Bibette, J. 303
Carroll, B.J. 131
Chen, R. 7
Chittofrati, A. 251
Coller, B.A.W. 287
Distel, C.D. 287
Elbing, E. 287
Gasser, P. 275
Gill, J.S. 101
Gölander, C.-G. 217
Gouda, T. 47
Gramain, Ph. 275
Guigon, M. 243
Guiton, T.A. 33
Isobe, H. 47
Ito, M. 107
Kallay, N. 251
Kaneko, K. 15, 47
Katori, T. 47
Kay, B.D. 1
Kiss, E. 217
Klinklin, E. 243
Leal Calderon, F. 303
Liu, H. 7
Lyons, C.J. 287
Mao, Y. 7
Matsumoto, A. 15
Matsuzawa, K. 107
Mileva, E. 259, 267
Miller, C.A. 169
Moore, B.P. 287
Moudgil, B.M. 311
Møvik, A.E. 293
Nikolov, L. 267
Okuda, K. 47
Ozeki, S. 47
Pantano, C.G. 33
Paradies, H.H. 57
Patterson, R.E. 115
Peikov, V. 223
Petkanchin, I. 223
Petrov, J.G. 233
Prakash, T.S. 311
Radoev, B. 259
Radzig, V.A. 91
Raney, K.H. 169
Ruike, M. 15
Sedev, R.V. 233
Sjöblom, J. 293
Suzuki, T. 15, 47
Tokunaga, I. 47
Urdahl, O. 293
Visca, M. 251
Voegel, J.C. 275
Wang, J. 7
Wilson, I.R. 287
Yamauchi, K. 107
Ying, J.Y. 23
Zhuravlev, L.T. 71

Subject Index

- Activated carbon fiber, 15
- Activated mica, 217
- Active sites, 91
- Adhesion, 243
- Adsorption, 15, 47, 275
- Amino functional surface, 217
- Ammonia adsorption, 15
- Amorphous silica, 71
- Antifoam, 115
- Apparent contact angle, 233
- Aqueous foods, 107
- Asphalt emulsion, 303
- Bismuth, 57
- Calcium–magnesium silicates, 101
- Carbon fibre, 243
- Cationic surfactant, 303
- Ceramic transition, 23
- Coarse particles, 311
- Conductivity, 251
- Critical micelle concentration, 287
- Crude oil, 293
- Cycling make-up water, 101
- Defoamer, 115
- Detergency, 131, 169
- Dynamic contact angle, 233
- Dynamic meniscus shape, 233
- Electrical interactions, 223
- Emulsification, 169
- Emulsion systems, 259, 267
- Energetics, 23
- ESR, 91
- α -FeOOH suspensions, 223
- Flocculation, 303
- Fluoride, 275
- Foam, 115
- Hydrodynamic interaction, 259, 267
- Hydroxyapatite, 275
- Inelastic light scattering, 57
- Infrared reflectance spectroscopy, 33
- Interface, 243
- IR, 91
- Kinetics, 1
- Macromolecular destabilization, 293
- Mass transfer, 259, 267
- Microballoon, 47
- Microemulsion, 251
- Micropore, 15
- Oily soil, 131
- Optical interactions, 223
- Paper, 115
- Particles of silica sol, 7
- Particulate soil, 131
- Perfluoropolyether, 251
- Photoluminescence, 91
- Polarized electric light scattering, 223
- Polydispersity, 57
- Porosity, 33
- Potential theory, 267
- Preparation, 7
- Proteins, 107
- Radial distribution function, 57
- Rate of growth, 7
- Reactive silica, 91
- Rod-in-free-surface method, 287
- Scale/deposit inhibitors, 101
- Scaling concepts, 259, 267
- Selective flocculation, 311
- Silica, 23, 47, 115
- Silica gels, 33, 107
- Silica glass, 33
- Silica particles, 57
- Silica polymerization, 101
- Silicic acid, 7
- Silylation, 217
- SiO_2 , 15
- Size distribution function, 57
- Size partitioning, 303
- Small-angle X-ray scattering, 57

- Sol-gel, 1, 23
Solid surface, 47
Solubilization, 169
Structure, 23
Surface characterization, 15, 71
Surface modification, 15, 217
Surface tension, 287
Surface treatment, 243
Surfactant destabilization, 293
Surfactants, 259, 267
- Teric X10, 287
Tetraethoxysilane, 1
Transmission electron microscopy, 243
Vibrational modes, 33
Water, 47
Water adsorption, 15
Water-in-oil system, 251
Wetting dynamics, 233